FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. P29855			Application No. 10/577,484		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant Izumi USUKI et al.					
(Use several sheets if necessa			y)		Filing Date April 27, 2006			Group 2416		
			U.S. PATE	NT DOCUM	ENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAM	ΙE	CLASS SUE		BCLASS	FILING DATE IF APPROPRIATE	
		2001/0053142	12/20/01	Abe et al.						
		2003/0152107	08/14/03	Pekonen						
		2004/0244037	12/02/04	Yamaguchi	et al.					
		2006/0025112	02/02/06	Hamanaga et al.						
Ç.										
		FO	REIGN PA	TENT DOC	UMENT	`S				
	DOCUMENT NUMBER		DATE COUNT		RY CLASS SUE		SUBCI	TRANSLATION SCLASS YES NO		
	, , , , , , , , , , , , , , , , , , , ,									
							-			
	<u> </u>									
	1	OTHER DOCUMENTS	S (Including	Author, Titl	le, Date,	Pertinent	Pages	, Etc.)		
V.			, , , , , , , , , , , , , , , , , , ,							
			***************************************							
								,		
	,									
EXAMINER				DA	TE CO	NSIDEREL	)			
		if citation considered, whether	or not citation					draw line	through cit	ation if not in
conformance	and not c	onsidered. Include copy of th	is form with	next commur	nication 1	to applicant			54511 011	